Mobility Phase 1		Annual Reporting		FCC Form Approved by OMB OMB 3060-1185
Data Col	lection For	n		Avg. Burden Estimate per Respondent: 18 Hours
<010>	Study Are	a Code	268020	
<015>	Study Are	a Name	Powertel/Memphis, Inc.	
<020>	Program '	/ear	2017	
<030>		iame: Person USAC should contact tions about this data	Rhonda R. Thomas	
<035>	Contact T Number o	elephone Number: of the person identified in data line <030>	4253834000 ext.4215	
<039>		mail: he person identified in data line <030>	rhonda.thomas63@t-mobile.com	
<040>	Has the in	nformation required pursuant to §54.1009  Attach a description of the documents file		g(Y/N) <040>
	<042>	Cite the Study Area Code (SAC) for the Fo	rm 481 reporting	<042> 269024

#### Notice to Individuals Required by the Paperwork Reduction Act of 1995

OMB Control Number 3060-1185 (Annual Report for Mobility Fund Phase I Support, FCC Form 690 and Record Retention Requirements)
Notice to Individuals Required by the Paperwork Reduction Act of 1995

Public reporting burden for this collection of information is estimated to average 18 hours per response. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, Office of Managing Director, AMD-PERM, Washington, DC 20554, Paperwork Reduction Act Project (3060-1185). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number and/or we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1185.

THIS NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

(050) Carr	rier Contact Form			FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 2 of 8
<010>	Study Area Code		268020	
<015>	Study Area Name		Powertel/Memphis, Inc.	
<020>	Program Year		2017	
<030>	Contact Name - Person USAC should contact		Rhonda R. Thomas	
<035>	Contact Telephone Number - Number of per			
<039>	Contact Email Address - Email Address of pe		> rhonda.thomas63@t-mobile.com	
<110>	FCC Registration Number	4336277		
<111>	Filing Carrier Name	PowerTel/Memphis,	Inc.	
<112>	Winning Bidder Carrier Name	PowerTel/Memphis,	Inc	
<113>	Street Address (or PO Box)	12920 SE 38th Str		
<114>	City	Bellevue		
<115>	State	WA		
<116>		-		
<117>	Zip-Code Telephone Number	98006		
<118>		4253834000 ext.42	215	
<119>	Fax Number Email Address	4253837180		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Entitle Address	rhonda.thomas63@t	:-mobile.com	
- X-12	nformation If same as above, Indicate in this box	1		
<120>	Name (First, MI, Last, Suffix)	Rhonda R. Thomas		
<121>	Filing Carrier Name	PowerTel/Memphis,	Inc.	
<122>	Street Address (or PO Box)	12920 SR 38th Str	pot	
<123>	City	Bellevue		
<124>	State	WA		
<125>	Zip-Code	98006		
<126>	Telephone Number	4253834000 ext.42	15	
<12/>	Fax Number	4253837180		
<128>	Email Address		-tiv-	
41202	Littaii Address	rhonda.thomas63@t	-mobile.com	
Authorize	d Agent Information if no agent, indicate in this box	7		
<130>	Name (First, MI, Last, Suffix)			
<131>	Company			
<132>	Street Address (or PO Box)			
<133>	City			
<134>	State			
<135>	Zip-Code			
<136>	Telephone Number			
<137>	Fax Number			
<138>	Email Address			

(060) Co	verage and Performance Report		FCC Form 690 Ap proved by OMB OMB Control No. 3060-1185 Page 3 of 8
<010>	Study Area Code	268020	
<015>	Study Area Name	Powertel/Memphis, Inc.	
<020>	Program Year	2017	
<030>	Contact Name - Person USAC should contact regarding this data	Rhonda R. Thomas	
<035>	Contact Telephone Number - Number of person identified in data line <030>	4253834000 ext.4215	
<039>	Contact Email Address - Email Address of person identified in data line <030>	rhonda.thomas63@t-mobile.com	
<140>	Coverage and Performance Report Year 07/2015 - 06/2016		
	268020_T-Mol	bile_KY.zip	

<141> <a2> <a3> <b1> <b2> <b3> <a1> <c1> <c2> <c3> <d> Total Certify that Road Road Miles Miles per Coverage and Road Census Resident **Total Resident** Miles covered Performance data Resident Population Population per Block per is uploaded Newly Reached Reached by Population per Census (Yes/no) Newly Census State County Census Block Census Block by Service Service Block Reached Block -- \$ee attached worksheet

Percentage of Total
Population Reached by
Service

Percentage of Total
Road Miles covered
by Service

(070) Urban Rate Comparability Certification Compliance			FCC Form 690 Approved by DMB OMB Control No. 3060-1185 Page 4 of 8
<010>	Study Area Code	268020	
<015>	Study Area Name	Powertel/Memphis, Inc.	
<020>	Program Year	2017	
<030>	Contact Name - Person USAC should contact regarding this data	Rhonda R. Thomas	
<035>	Contact Telephone Number - Number of person identified in data line <030>	4253834000 ext.4215	

rhonda.thomas63@t-mobile.com

# TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING CERTIFICATION DATA ON ITS OWN BEHALF:

<039> Contact Email Address - Email Address of person identified in data line <030>

C	Certification of Officer or E	mployee as to Compliance with 47	CFR §54.1009(a)(4)	
l certify that I am an officer or employee of the reporting carrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4), the information reported on this form and in any attachments is accurate.				
Name of Reporting Carrier: Power	rtel/Memphis, Inc.			
Signature of Authorized Officer:	CERTIFIED ONLINE			Date 06/26/2017
Printed name of Authorized Officer:	Chris Miller			
Title or position of Authorized Officer:	VP Tax			
Telephone number of Authorized Officer:	4253835931 ext.			
Study Area Code of Reporting Carrier:	268020	Filing Due Date for this form:	07/03/2017	

# TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING CERTIFICATION DATA ON THE CARRIER'S BEHALF:

certify that (Name of Agent)	is authorized to submit the information reported on behalf of the reporting
	arrier; my responsibilities include ensuring compliance with 47 CFR §54.1009(a)(4) reported to the
uthorized agent; and, to the best of my knowledge, the reports and da	ta provided to the authorized agent is accurate.
ame of Authorized Agent:	
ame of Reporting Carrier:	
gnature of Authorized Officer or Employee:	Date:
rinted name of Authorized Officer or Employee:	
itle or position of Authorized Officer or Employee:	
elephone number of Authorized Officer or Employee:	
tudy Area Code of Reporting Carrier:	Filing Due Date for this form:

#### TO BE COMPLETED BY THE AUTHORIZED AGENT:

Compliance with 47 CFR §54.1009(a)(4) on Behalf of Reporting Carrier
mit the certification on behalf of the reporting carrier; I have provided the data reported herein based or
ge, the information reported herein is accurate.
Date:
Filing Due Date for this form:

080) Triba	al Lands Reporting		FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 5 of 8
<010>	Study Area Code	25222	
<015>	Study Area Code Study Area Name	268020 Powertel/Memphis, Inc.	
<020>	Program Year	2017	
<030>	Contact Name - Person USAC should contact regarding this data	Rhonda R. Thomas	
<035>	Contact Telephone Number - Number of person identified in data line	<030> 4253834000 ext.4215	
<039>	Contact Email Address - Email Address of person identified in data line	2 <030> rhonda.thomas63@t-mobile.com	
<142>	State		
<143>	County		
<144> <145>	Tribal Land(s) on which ETC Serves  Tribal Government Engagement Obligation  Name of Attack	ned Document (.pdf)	
	If your company serves Tribal lands, please select (Yes, No, Not Applic each of these boxes to confirm the status described on the attached PDF, on line 145, demonstrates coordination with the Tribal government pursuant to § 54.1004 includes:	able) for	
		Select (Yes, No, Not Applicable)	
<146>	Needs assessment and deployment planning with a focus on Tribal community anchor institutions;	(Tea, 170, 170t Applicable)	
147>	Feasibility and sustainability planning;		
<148>	Marketing services in a culturally sensitive manner;		
149>	Compliance with Rights of way processes		
:150>	Compliance with Land Use permitting requirements		
:151>	Compliance with Facilities Siting rules		
<152>	Compliance with Environmental Review processes		

<153> Compliance with Cultural Preservation review processes
<154> Compliance with Tribal Business and Licensing requirements.

(090) Projec	t Update Information	FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 6 of 8
<010>	Study Area Code	268020
<015>	Study Area Name	Powertel/Memphis, Inc.
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	Rhonda R. Thomas
<035>	Contact Telephone Number - Number of person identified in data lir	ne <030> 4253834000 ext.4215
<039>	Contact Email Address - Email Address of person identified in data li	ne <030> rhonda.thomas63@t-mobile.com
<200>	Date Authorized to Receive Support	06/25/2013
<201>	Targeted Completion Date	06/25/2015
<202>	Total Mobility Fund Support Awarded	1019418.96
<203>	Total Mobility Fund Support Disbursed	872930.89
<210>	Actual Completion Date	06/15/2015
<211>	Project Status Description (attached)	268020-Project Description Status Update_KY 21091960100.pdf
	Please check these boxes below to confirm that the attached PDF, o 211, contains a project status pursuant to §54.1005(b)(2)(v). The infeatible beautiful to a separation of the status pursuant to §54.1005(b)(2)(v).	
<212>	shall be submitted as appropriate.	
<213>	Status of Network Deployment - Network Design Status of Network Deployment - Construction	4
<214>	Status of Network Deployment - Construction  Status of Network Deployment - Deployment	· ·
<215>	Status of Network Deployment - Deployment  Status of Network Deployment - Maintenance	<del> </del>
<216>	Project Budget Status	<u> </u>
<217>	Project Plan Status	<u> </u>
<218>	Network will Support 3G/4G Mobile Service ?	

101) Cert	ification - Reporting Carrier		FCC Form 690 Approved by OMB OMB Control No. 3060-1185 Page 7 of 8
<010>	Study Area Code	268020	
<015>	Study Area Name	Powertel/Memphis, Inc.	
<020>	Program Year	2017	
<030>	Contact Name - Person USAC should contact regarding this data	Rhonda R. Thomas	
<035>	Contact Telephone Number - Number of person identified in data line <030>	4253834000 ext.4215	

# TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ON ITS OWN BEHALF:

<039> Contact Email Address - Email Address of person identified in data line <030> rhonda.thomas63@t-mobile.com

certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the reporting requirements for Mobility Fund recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.			
house of househing to	y attachments is accurate.		
Name of Reporting Carrier: Powertel/Memphis, Inc.			
Signature of Authorized Officer: CERTIFIED ONLINE	Date 06/26/2017		
Printed name of Authorized Officer: Chris Miller			
Title or position of Authorized Officer:			
Telephone number of Authorized Officer: 4253835931 ext.			
Study Area Code of Reporting Carrier: 268020	Filing Due Date for this form: 07/03/2017		

04/14/2017 Page 7

(102) Certification - Agent / Carrier	FCC Form 690
	Approved by OMB
	OMB Control No. 3060-1185
	Page 8 of 8

<010>	Study Area Code	268020
<015>	Study Area Name	Powertel/Memphis, Inc.
<020>	Program Year	2017
<030>	Contact Name - Person USAC should contact regarding this data	Khonda R. Thomas
<035>	Contact Telephone Number - Number of person identified in data line <030>	4253834000 ext,4215
<039>	Contact Email Address - Email Address of person Identified in data line <030>	rhonda.thomas63@t-mobile.com

# TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ON THE CARRIER'S BEHALF:

I certify that (Name of Agent)	is authorized to submit the information reported on behalf of the reporting carrier.
also certify that I am an officer of the reporting carrier; my responsions, and, to the best of my knowledge, the reports and data p	isibilities include ensuring the accuracy of the data reporting requirements provided to the authorized wided to the authorized agent is accurate.
Name of Authorized Agent:	
Name of Reporting Carrier:	
Signature of Authorized Officer:	Date:
Printed name of Authorized Officer:	
Title or position of Authorized Officer:	
Telephone number of Authorized Officer:	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:

#### TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Author	rized to File for Mobility Fund Recipients on Behalf of Re	eporting Carrier
이 마이막 집에 되었다는 하게 막으니까 있어 되었다면서 하네요? 사이 하네는 이 등에 되었다면 살아보다.	orized to submit the reports for Mobility Fund recipients on beha carrier; and, to the best of my knowledge, the information repor	물리 마리 교육은 다음을 이해 교육이 교육을 위한다면 하다고 있다면 하게 하지만 그렇게 모르겠다고 되었다면 하다면 다른다면 그래요?
Name of Reporting Carrier:		
Name of Authorized Agent Firm:		
Signature of Authorized Agent or Employee of Agent:		Date:
Name of Authorized Agent Employee:		
Title or position of Authorized Agent or Employee of Agen	t	
Telephone number of Authorized Agent or Employee of A	gent;	
Study Area Code of Reporting Carrier:	Filing Due Date for this form:	

# **Attachments**

(060) Co	verage and Performance Report		FCC Form 690 Approved by OMB OMB Control No. 3060-1185
<010>	Study Area Code	268020	
<015>	Study Area Name	Powertel/Memphis, Inc.	
<020>	Program Year	2017	
<030>	Contact Name - Person USAC should contact regarding this data	Rhonda R. Thomas	
<035>	Contact Telephone Number - Number of person identified in data line <030>	4253834000 ext.4215	
<039>	Contact Email Address - Email Address of person identified in data line <030>	rhonda.thomas63@t-mobile.com	
<140>	Coverage and Performance Report Year	07/2015 - 06/2016	

<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	<c1></c1>	<c2></c2>	<c3></c3>	<d></d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
KY	Hancock	721091960100100	0	0	0	0.11			Yes
KY	Hancock	'21091960100100 8	0	0	0	0.12		-	Yes
ку	Hancock	121091960100101	0	0	0	1.2		-	Yes
ку	Hancock	'21091960100101 5	0	0	0	0.91		-	Yes
ку	Hancock	121091960100101	0	0	0	0.16	-	600	Yes
KY	напсоск	121091960100104	4	0	ō.	0.75		-	Yes
KY	Hancock	121091960100104	38	0	Ď	3,38	-	•	Yes
KY	Handock	121091960100104	23	0	0	1.65		-	Yes
	Hancock	121091960100104	56	0	0	3.58		_	Yes
KY	напсоск	121091960100104	4	0	0	0.47	=	=	Yes
KY	Hancock	121091960100105				1			
KY	Hancock	121091960100106	3	0	0	0.7	-		Yes
KY		2	4	0	0	0.32			Yes
KA	Hancock	'21091960100106 3	38	0	o	2.18			Yes
KY	Hancock	'21091960100106 5	114	0	0	5.79		-	Yes
ку	Hancock	121091960100107	5	0	ō	0.11		-	Yes
KY	Hancock	'21091960100107 2	37	0	ō.	3.02			Yes
KY	Hancock	121091960100107	64	ŏ	ō	3,15			Yes
ку	Hancock	*21091960100109	42	ō	0	2.98			Yes
KY	Handock	121091960100109	30	0	o	1,62			Yes
KY	Hancock	'21091960100110 7	6	n	0	0.1	-	-	Yes

Percentage of Total Population Reached by Service

<141>

0

Percentage of Total Road Miles covered by Service



(060) Co	verage and Performance Report		FCC Form 690 Approved by OMB OMB Control No. 3060-1185
<010>	Study Area Code	268020	
<015>	Study Area Name	Powertel/Memphis, Inc.	
<020>	Program Year	2017	
<030>	Contact Name - Person USAC should contact regarding this data	Rhonda R. Thomas	
<035>	Contact Telephone Number - Number of person identified in data line <030>	4253834000 ext.4215	
<039>	Contact Email Address - Email Address of person identified in data line <030>	rhonda.thomas63@t-mobile.com	

07/2015 - 06/2016

<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	<c1></c1>	<c2></c2>	<c3></c3>	<d>&gt;</d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
KY	Hancock	'21091960100110 B	0	0	0	0.15			Yes
KY	Hancock	121091960100210	45	a	0	3.02	-	-	Yes
KY.	Hancock	121091960100210 2	87	0	0	2,61			Yes
KY	Hancock	121091960100210	o	0	0	0.2		-	Yes
ку	Hancock	'21091960100210 5	44	0	0	2.78	-		Yes
KY	Hancock	121091960100210	0	0	0	0.32	-		Yes
KY	Hancock	121091960100211	6	0	0	0.9		-	Yes
KY	Hancock	121091960100211	54	0	0	2.99		-	Yes
KY	Hancock	121091960100106	0	0	0	0.16	E	_	Yes
KY	напсоск	121091960100107	4	0	0	0.13	1=-	=	Yes
	Hancock	'21091960100105			X			=	Yes
KY	Hancock	121091960100104	15	0	0	0.94		_	
KY		9	0	0	0	0.06			Yes
KY	Hancock	'21091960100104 3	11	0	0	0,36		-	Yes
KY	Hancock	'21091960100103 4	o	0	0	0.09	-	-	Yes
кү	Hancock	'21091960100210 6	1	o	0	0.38	-	-	Yes
ку	Hancock	121091960100103	0	0	o	0,12	-	-	Yes
KY	Hancock	121091960100106	o.	o	0	0.17	-		Yes
ку	Hancock	'21091960100106 6	54	ů.	0	2.42			Yes
KY	Hancock	121091960100104	6	0	0	0.16			Yes
ку	Hancock	121091960100107	0	ō	0	0.29		-	Yes

Percentage of Total Population Reached by Service

<140>

<141>

Coverage and Performance Report Year

a a

Percentage of Total Road Miles covered by Service



(060) Coverage and Performance Report FCC Form 690 Approved by OMB OMB Control No. 3060-1185 <010> Study Area Code 268020 <015> Study Area Name Powertel/Memphis, Inc. <020> Program Year 2017 <030> Contact Name - Person USAC should contact regarding this data Rhonda R. Thomas 4253834000 ext.4215 <035> Contact Telephone Number - Number of person identified in data line <030> <039> Contact Email Address - Email Address of person identified in data line <030> rhonda.thomas63@t-mobile.com <140> Coverage and Performance Report Year 07/2015 - 06/2016

<a1></a1>	<a2></a2>	<a3></a3>	<b1></b1>	<b2></b2>	<b3></b3>	<c1></c1>	<c2></c2>	<c3></c3>	<d></d>
State	County	Census Block	Resident Population per Census Block	Resident Population Newly Reached by Service	Total Resident Population Reached by Service	Road Miles per Census Block	Road Miles per Census Block Newly Reached	Total Road Miles covered per Census Block	Certify that Coverage and Performacne data is uploaded (yes/no)
KY	Hancock	121091960100106 9	7	0:	0	0.49			Yes
KY	Hancock	'21091960100103 5	0	o	0	0.05	-		Yes
KY	Hancock	'21091960100109 6	8	0	0	0.72			Yes
кү	Hancock	'21091960100106 0	0	0	0	0.05		-	Yes
ку	Hancock	121091960100209	0	o	0	0.25	-	-	Yes
KY	Hancock	'21091960100103 6	13	0	0	0.11	-	-	Yes
CY	Hancock	'21091960100106 7	103	o	0	3.06	-		Yes
KY	Nancock	121091960100210	2	0	0	0,1	-	•	Yes
KY	Hancock	'21091960100103 1	0	0	0	0.11	-	-	Yes
KY	напеоск	'21091960100105	0	D	0	0.2	-	-	Yes
KY	Hancock	'21091960100107 9	ō	0	0	0.99		-	Yes
KY	Hancock	'21091960100107 3	21	0	0	1.51	-	-	Yes
ку	Hancock	121091960100211	ó	0	0	0,24	-	-	Yes
ΚY	Hancock	721091960100109	2	0	0	0.11		-	Yes
KY	Hancock	'21091960100107 6	0	0	o o	0.27		-	Yes
ΚΥ	Hancock	'21091960100108 3	ō	o .	0	0.12	-	-	Yes
KY	Hancock	121091960100110	o.	ō	ō	0.12	-	-	Yes
KY	Hancock	'21091960100106	0	0	ō	0.07	-	-	Yes
cy	Hancock	721091960100103 0	24	0	0	0.75	-	-	Yes
¢χ	Hancock	'21091960100107 5	0	0	0	0.05		-	Yes

Percentage of Total Population Reached by Service

<141>

0.

Percentage of Total Road Miles covered by Service



T··Mobile·

### 040

# Description of Documents Filed With FCC Form 481

FCC Form 690 Line 040 asks "Has the information required pursuant to §54.1009 been provided with a Form 481 filing (Y/N)?" and provides for including a description of the documents filed with the Form 481 report. The annual reporting requirements applicable to Mobility Fund recipients is based upon 47 C.F.R. § 54.1009, whereas the annual reporting requirements applicable to other high cost support recipients and Lifeline providers is based upon 47 C.F.R. §§ 54.313 and 54.422. The only common annual reporting requirements between Mobility Fund recipients and other high cost recipients/Lifeline providers is (i) the urban rate comparability certification and (ii) the tribal lands reporting.

In this FCC Form 690 annual report, T-Mobile includes its Urban Rate Comparability Certification (070), and there are no Tribal Lands within T-Mobile's Mobility Fund service area. Nevertheless, T-Mobile is submitting FCC Form 481 for its Mobility Fund service area addressing the applicable reporting requirements, including the Terms and Conditions of Lifeline service being provided within its Mobility Fund service area. The Terms and Conditions of Lifeline service document includes a description of the rates, terms and conditions of Lifeline service available to qualified low-income consumers within T-Mobile's Mobility Fund service area.

# PowerTel/Memphis, Inc. ("T-Mobile") 2017 Mobility Fund Annual Report Study Area Code: 268020

Pursuant to 47 C.F.R. § 54.1009(a), winning bidders authorized to receive Mobility Fund Phase I support are required to submit an annual report, which shall include the following, or reference the inclusion of the following in other reports filed with the Commission for the applicable year:

- (1) Electronic Shapefiles site coverage plots illustrating the area newly reached by mobile services at a minimum scale of 1:240,000;
- (2) A list of relevant census blocks previously deemed unserved, with road miles and total resident population and resident population residing in areas newly reached by mobile services (based on Census Bureau data and estimates);
- (3) If any such testing has been conducted, data received or used from drive tests, or scattered site testing in areas where drive tests are not feasible, analyzing network coverage for mobile services in the area for which support was received;
- (4) Certification that the applicant offers service in supported areas at rates that are within a reasonable range of rates for similar service plans offered by mobile wireless providers in urban areas;
  - (5) Any applicable certifications and showings required in §54.1004; and
  - (6) Updates to the information provided in §54.1005(b)(2)(v).

With respect to the information required under Sections 54.1009(a)(1) and 54.1009(a)(3), T-Mobile includes, by reference, in this Annual Report, the coverage plots and drive testing data previously filed in its 2016 Mobility Fund Annual Report with the Universal Service Administrative Company and Federal Communications Commission. This previously filed information is incorporated herein by reference, as provided for in 47 C.F.R. § 54.1009(a).

PowerTel/Memphis, Inc.

Project Description Status Update for CT 21091960100

# Background

On June 24, 2013, PowerTel/Memphis, Inc. ("T-Mobile") was awarded Phase I Mobility Fund support to serve Census Tract T21091960100 (the "Tract") with 3G service. Based on Federal Communications Commission ("FCC") rules, winning bidders shall "submit an annual report no later than July 1 of each year for the five years after it was so authorized"...that includes, among other things, "updates to the information provided in §54.1005(b)(2)(v)."

T-Mobile is submitting this Project Description Status Update which includes an update to the "detailed project description that describes the network, identifies the proposed technology, demonstrates that the project is technically feasible, discloses the budget and describes each specific phase of the project, e.g., network design, construction, deployment, and maintenance."

# **Original Project Description**

Assuming T-Mobile is authorized to receive support in 1Q2013, the Company anticipates that it will commence the build out of network facilities in 1Q2013 and conclude in 1Q2015. T-Mobile will deploy 3G "UMTS" technology in the unserved areas of Census Tract T21091960100. Depending on the outcome of engineering design work, the Company will use either Personal Communications Service ("PCS") spectrum at 1900 MHz or Advanced Wireless Services ("AWS") spectrum at 1.7/2.1 GHz to provide 3G service in Census Tract T21091960100.

Preliminary computer modeling of the radio frequency ("RF") design for providing 3G service in unserved areas within Census Tract T21091960100 indicates that approximately new cell site facilities will be required. T-Mobile has established a budget of approximately

<sup>&</sup>lt;sup>1</sup> FCC Public Notice, Mobility Fund Phase I Support Authorized for 42 Winning Bids, DA 13-1249, June 24, 2013.

<sup>2 47</sup> C.F.R. 54.1009(a)(6)

<sup>3 47</sup> C.F.R. 54.1005(b)(2)(v)

\$1,019,419 for capital expenditures for this project, which is consistent with the amount of Mobility Fund Phase I support to be received. At this time, T-Mobile does not anticipate that it will need additional funds for capital expenditures to meet the build-out requirements in 47 C.F.R. § 54.1006, but, to the extent additional funding is required, either for capital expenditures or for operational expenses, it will be provided by the Company.

# **Project Status Update**

# Network Design

T-Mobile has deployed 3G "HSPA" technology in the unserved areas of the Tract using a combination of PCS and AWS spectrum at 1.7/2.1 GHz.

# Deployment

The deployment of HSPA technology enables T-Mobile to meet all public interest obligations associated with Mobility Fund support, including a download throughput of at least 200 Kbps and a upload throughput of at least 50 Kbps.

### Construction

T-Mobile constructed hew sites in the Tract to cover all or part of the previously unserved areas in the Tract including the road miles identified by the FCC with 3G wireless service. A number of different initiatives were undertaken to deploy new 3G services in unserved areas, including, but not limited to, upgrading existing T-Mobile facilities, building new sites collocated on existing towers, and/or constructing new towers built from the ground up ("greenfield" sites). New network facilities constructed in the Tract are interconnected to T-Mobile's national network through switching intrastructure and backhaul facilities using copper, fiber, or microwave connections. No major problems arose during the construction in the Tract, although T-Mobile had to overcome a number of challenges, including the acquisition and construction of greenfield sites and associated zoning, construction, and backhaul issues.

### Maintenance

Having recently completed construction of the network in the Tract, T-Mobile has now entered the maintenance phase of its construction and has undertaken initial efforts to maintain the service it extended covering the previously unserved areas including routine maintenance procedures, validating network accessibility, load balancing and other things to optimize performance. T-Mobile will continue these efforts and maintain the network as appropriate.

# Project Plan and Budget Status

T-Mobile has, and will continue to, use universal service support for its winning bid in the Tract to construct, operate and maintain new wireless facilities to provide service in unserved areas. The overall project plan for serving the Tract was to integrate new network facilities and coverage into T-Mobile's national network that served the residents of and visitors to the Tract. T-Mobile was able to accomplish this objective, which has allowed residents of and visitors to the Tract to realize the benefits of access to T-Mobile's nationwide network.

In addition to initial construction costs, T-Mobile has and will incur on-going operational costs, maintenance costs, and other costs associated with the operation of network facilities in the Tract. T-Mobile was approved for Mobility Fund support for the Tract in the amount of \$1,019,418.96; having completed its buildout and covered 85.63% of the road miles in the Tract, T-Mobile received support consistent with its coverage totaling \$872,930.89.